

10/573684

IAP9 Rec'd PCT/PTO 27 MAR 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
Yuichi FUTA et al. : **Mail Stop: PCT**
Serial No. NEW : Attorney Docket No. 2006_0401A
Filed March 27, 2006 :

ENCRYPTED COMMUNICATION SYSTEM
AND COMMUNICATION DEVICE
[Corresponding to PCT/JP2004/015752
Filed October 18, 2004]

THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEES FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☒ each U.S. Patent and U.S. Patent application publication;
- ☐ each reference previously cited in the international application
PCT/_____; and/or
- ☐ each reference previously cited in prior parent application Serial No.
_____.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the
above-entitled application, or

ATTACHMENT C

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

and thus no certification and/or fee is required.

1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) ☐ the certification of paragraph 2 below is provided, **or**

(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

the certification of paragraph 2 below is provided, and

the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

2. It is hereby certified

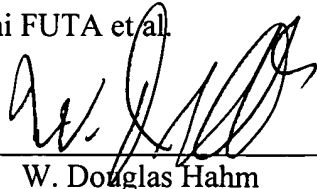
- a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
- b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
 - b. ☐ a foreign patent office search report (in the English language) submitted herewith,
 - c. ☒ the concise explanation contained in the specification of the present application at page 2,
 - d. ☐ the concise explanation set forth in the attached English language abstract,
 - e. ☐ the concise explanation set forth below or on a separate sheet attached to the reference:
5. ☒ A foreign patent office search report citing one or more of the references is enclosed.

Respectfully submitted,

Yuichi FUTA et al.

By



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March 27, 2006

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FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO: March 27, 2006

ATTY DOCKET NO.
2006_0401ASERIAL NO.
NEW

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APPLICANT
Yuichi FUTA et al.FILING DATE
March 27, 2006

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,371,794	12/94	Diffie et al.			
	AB	2002/0104001	08/02	Lotspiech et al.			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AJ						
	AK						

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

AL	BIRD R ET AL. INTERNATIONAL ASSOCIATION FOR CRYPTOLOGIC RESEARCH: "SYSTEMATIC DESIGN OF TWO-PARTY AUTHENTICATION PROTOCOLS" ADVANCES IN CRYPTOLOGY. SANTA BARBARA, AUG. 11-15, 1991, PROCEEDINGS OF THE CONFERENCE ON THEORY AND APPLICATIONS OF CRYPTOGRAPHIC TECHNIQUES (CRYPTO), BERLIN, SPRINGER, DE, 16 APRIL 1992, PAGES 44-61, XP000269030
AM	"5C Digital Transmission Content Protection White Paper (Version 1.0)", Hitachi, Ltd., Intel Corporation, Matsushita Electric Industrial Co., Ltd., Sony Corporation, and Toshiba Corporation, July 14, 1998.
AN	Victor Shoup, "A Proposal for an ISO Standard for Public Key Encryption (version 2.1)", IBM Zurich Research Lab, December 20, 2001.
AO	Tatsuaki Okamoto, "Generic Conversions for Constructing IND-CCA2 Public-key Encryption in the Random Oracle Model", The 5 th Workshop on Elliptic Curve Cryptography (ECC 2001)
AP	M. Bellare and P. Rogaway, "Minimizing the Use of Random Oracles in Authenticated Encryption Schemes." ICICS'97, November, 1997.

EXAMINER

DATE CONSIDERED